

FORM PTO-1449
U.S. DEPARTMENT OF COMMERCE (REV. 7-85)
PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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Sheet 1 of 3

ATTY. DOCKET NO. 4-30730/P1 APPLICATION NO. 09/217,795 APPLICANT AUER ET AL. FILING DATE **DECEMBER 21, 1998**



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FILING DATE DECEMBER 21, 1998 Sheet 2 of 3

W.	Dane	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)
Ne	AA	Demas, J.N. et al., "The Measurement of Photoluminescence Quantum Yields. A Review," J. Phys. Chem., Vol. 75, 1971, pp. 991-1024
1	AB	Dennler, E.B. et al., ""Synthesis of Indazoles Using Polyphosphoric AcidI," Tetrahedron, 1966, Vol. 22, pp. 3131-41
	AC	Elderfield, R.C., "Heterocyclic Compounds," 1957, ed. Elderfield, R.C., Vol. 5, John Wiley & Sons, Inc., New York, p. 162
	AD	Fries, K. et al., "Untersuchungen in der Reihe des Indazols," Justus Liebigs Ann. Chem., Vol. 454, 1927 pp. 303-324
	AE	Fries, K. et al., "Untersuchungen in der Reihe des Indazols," Justus Liebigs Ann. Chem, Vol. 550, pp. 31-49
	AF	Gladstone, W.A.F. et al., "Reactions of Lead Tetra-acetate. Part II. A New Synthesis of 1-Arylindazoles," R.O.C.J. Chem. Soc., 1965, pp. 3048-52
	AG	Gladstone, W.A.F. et al., "Reactions of Lead Tetra-acetate. Part III. The Synthesis of 3-Alkyl-1-arylindazoles," J. Chem. Soc., 1965, pp. 5177-82
	АН	Gladstone, W.A.F. et al., "Reactions of Lead Tetra-acetate. Part VIII. The Reactions of Azoacetates with Base," J. Chem. Soc., 1966, p. 1781
	Al	Huisgen, R. et al., "Diphenyl-Nitrilimin Und Seine 1.3-Dipolaren Additionen An Alkene Und Alkine," Tetrahedron, Vol. 17, 1962, pp. 3-29
	AJ	Huisgen, R. et al., "Zur Anlagerung des Diphenylnitrilimins an nichtkonjugierte Alkene und Alkine; Sterischer Ablauf, Orientierung und Substituenteneinfluss," Vol. 100, 1967, pp. 1580-92
	AK	Krishnan, R. et al., "Reactions of Hydroxybenzophenone with Hydrazines," Heterocycl. Chem., Vol. 25, No. 2, 1988, pp. 447-52
	AL	Lakowicz, J.R.," Principles of Fluorescence Spectroscopy, Plenum Press, New York and London, 1983, pp. 52-93, pp. 112-153, pp. 156-185
	АМ	Matsugo, S. et al., "A New and Convenient Synthesis of 1H-Indazoles," Synthesis, 1983, p. 852
la	AN	Matsugo, S. et al., "Studies on 2,5-Diaryl-2,4-dihydro-3H-pyrazol-3-ones. I. Synthesis of Highly Substituted 1H-Indazoles Using Tautomeric 2,5-Diaryl-2,4-dihydro-3H-pyrazol-3-ones," Chem. Pharm. Bull, Vol. 32, 1984, pp. 2146-53
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Men	AA	and Concentration of the Fluorescent Solute," J. Phys. Chem., Vol. 65, 1961, pp. 229-235
	АВ	Mishra, A.K. et al., "Some Effects of Phosphate Buffers on the Excited State Prototropic Equilibria of Indazole," J. Photochem., 1984, Vol. 26, pp. 49-56
	AC	Petrich, J.W. et al., "On the Origin of Nonexponential Fluorescence Decay in Tryptophan and Its Derivatives," J. Am. Chem. Soc., Vol. 105, 1983, pp. 3824-3832
	AD	Phaniraj, P. et al., "Absorption & Fluorescence Spectra of 7-Aminoindazole: Study of Solvent & pH Dependences," Indian J. Chem., 1985, Vol. 24A, , pp. 913-17
	AE	Pugliese, L. et al., "Three-dimensional Structure of the Tetragonal Crystal Form of Egg-white Avidin in its functional Complex with Biotin at 2.7 A Resolution," J. Mol. Biol., Vol. 231, 1993, pp. 698-710
	AF	Pummerer, R. et al., "Über Diaroylhydrochinone, III. Mitteilung," Chem. Ber., Vol. 84, 1951, pp. 583-90
	AG	Saha, Subit K. et al., "Solvatochromic Effects in the Absorption and Fluorescence Spectra of Indazole and Its Amino Derivatives," J. Photochem. Photobiol, A, 1977, Vol. 110, pp. 257-266
	АН	Savage, M.D. et al., Avidin-Biotin Chemistry, Pierce Chemical Company, 1992
	AI	Szabo, A.G. et al., "Fluorescence Decay of Tryptophan Conformers in Aqueous Solution," J. Am. Chem. Soc., Vol. 105, 1983, pp. 3824-3832
	AJ	Theilacker, W. et al., "Synthese von 1-Arylindazolen," Tetrahedron Letters, No. 1, 1966, pp. 91-92
	AK	Wang, Q. et al., "1,2,4-Triazolium Salts from the Reaction of 1-Aza-2-azoniaallene Salts with Nitriles," Synthesis, Vol. 7, 1992, pp. 710-8
Ne	AL	Yan, B. et al., "An Indazole Synthesis on Solid support Monitored by Single Bead FTIR Microspectroscopy," Tetrahedron Letters, Vol. 37, No. 46, pp. 8325-8328
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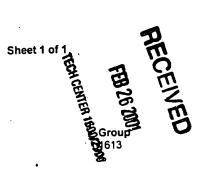
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